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Docket No.: I9000.0058/P058  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Marit Nilsen-Hamilton

Application No.: 10/809,886

Confirmation No.: 7776

Filed: March 26, 2004

Art Unit: 1645

For: ALLOSTERIC PROBES AND METHODS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an

admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. I9000.0058/P058.

Dated: August 30, 2004

Respectfully submitted,

By 

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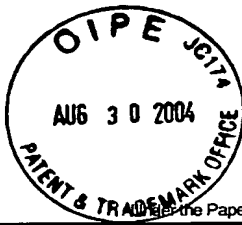
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PTO/SB/08a/b (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/809,886-Conf. #7776
				Filing Date	March 26, 2004
				First Named Inventor	Marit Nilsen-Hamilton
				Art Unit	1645
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	I9000.0058/P058
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	L. C. Bock et al. – "Selection of single-stranded DNA molecules that bind and inhibit human thrombin," Nature, Vol. 355 February 1992, pgs 564-566.	
	CB	A. D. Ellington et al. – "In vitro selection of RNA molecules that bind specific ligands," Nature, Vol. 346, August 1990, pgs. 818-822.	
	CC	T. Hermann et al. – "Adaptive Recognition by Nucleic Acid Aptamers," Science's Compass Review, Vol. 287, February 2000, pgs. 820-825.	
	CD	S. Jeong et al. – "In Vitro Selection of the RNA Aptamer against the Sialyl Lewis X and Its Inhibition of the Cell Adhesion," Biochemical and Biophysical Research Communications 281, (2001) pgs. 237-243.	
	CE	L. Jiang et al. – "Saccharide-RNA recognition in a complex formed between neomycin B and an RNA aptamer," Structure, Vol. 7, No. 7, 1999, pgs. 817-827.	
	CF	L. Jiang et al. – "Saccharide-RNA recognition in an aminoglycoside antibiotic-RNA aptamer complex," Chemistry & Biology, Vol. 4, No. 1, 1997, pgs. 35-50.	
	CG	T. Kato et al. – "Bioassay of bile acids using an enzyme-linked DNA aptamer," Analyst 125, (2000) pgs. 1371-1373.	
	CH	S. A. Robertson et al. – "Structure Determination and Binding Kinetics of a DNA Aptamer-Argininamide Complex," Biochemistry, Vol. 39, No. 5, 2000, pgs. 946-954.	
	CI	D. Schneider et al. – "High-Affinity ssDNA Inhibitors of the Reverse Transcriptase of Type 1 Human Immunodeficiency Virus," Biochemistry, Vol. 34, No. 29, 1995, pgs.9599-9610.	
	CJ	M. N. Stojanovic et al. – "Aptamer-Based Folding Fluorescent Sensor for Cocaine," J. Am. Chem. Soc., Vol. 123, No. 21, 2001, pgs. 4929-4931.	
	CK	S. Sun – "Technology evaluation: SELEX, Gilead Sciences Inc.," Current Opinion in Molecular Therapeutics (2000) 2(1), pgs. 100-105.	
	CL	C. Tuerk et al. – "Systematic Evolution of Ligands by Exponential Enrichment: RNA Ligands to Bacteriophage T4 DNA Polymerase," Science, Vol. 249, August 1990, pgs. 505-510.	
	CM	E. Vianini et al. – "In Vitro Selection of DNA Aptamers That Bind L-Tyrosinamide," Bioorganic & Medicinal Chemistry, 9 (2001) pgs. 2543-2548.	

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	CN	Y. Wang et al. – "Specific binding of aminoglycoside antibiotics to RNA," Chemistry & Biology, Vol. 2, No. 5, 1995, pgs. 281-290.	
	CO	S. R. Watson et al. – "Anti-L-Selectin Aptamers: Binding Characteristics, Pharmacokinetic Parameters, and Activity Against an Intravascular Target <i>In Vivo</i> ," Antisense & Nucleic Acid Drug Development 10 (2000) pgs. 63-75.	

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